MVK-2007-01152-JES

Form Information

JD Form Type: Nrpw

Project Location and Background Information

State	MS - Mississippi
County/parish/borough	Coahoma
City	Friars Point
Lat	-90.602703791482
Long	34.2290501572976
Nearest Waterbody	Unnamed tributary of Big Sunflower River
TNW into which the aquatic resource flows	Big Sunflower River
Watershed or HUC	08030209
Map or diagram available	☑ (Review or Jurisdictional Area)
JD recorded associated sites?	☐ (e.g., offsite mitigation sites, disposal sites, etc¿)
Universal Transverse Mercator:	[ ]

Form Characteristics

Each characteristic may or may not be available depending on the form type chosen.

Nrpw Form

Instructions: Click Next to associate the pre-populated dates to your form. To change the dates, click in the field to access the calendar and select your new date(s). Click Next to continue.

	Dates
JD Sequence:	1

☐ Office Determination Date

☑ Field Determination Date(s)

☐ 21-Feb-2008

Request Date	10-Sep-2007
Offsite	
Area	
Linear	
Limits basis	[ ]
OHWM Elevation	(if known)

General Area Conditions

Watershed size	65549 acres
Drainage area	2875 acres
Average annual rainfall	54.21 inches
Average annual snowfall	1.8 inches

Physical Characteristics

Relationship with TNW:

☐ Tributary flows directly into TNW.

☉ Tributary flows through several tributaries before entering TNW.

Number of tributaries

TNW Distance to Project Waters

River miles:	30 (or more)
Aerial miles:	20-25

RPW Distance to Project Waters

River miles:	1-2
Aerial miles:	1 (or less)

Explain if the selected project water crosses or serves as state boundaries:

Flow route to TNW:
Flows through one NRPW before entering the Big Sunflower River, which is the RPW at this point, and later becoming the TNW.

Significant Nexus Characteristics

Explain findings of presence or absence of significant nexus below, based on the tributary in combination with all of its adjacent wetlands

Findings for: MVK-2007-1152

The wetland area in discussion here is known as Buzzards Roost Brake, which is appx. 546 acres of mature bald cypress trees (*Taxodium distichhum*), water tupelo (*Nyssa aquatica*), along with several species of oaks (*Quercus*), and green ash, (*Fraxinus pennsylvanica*). The drainage area is appx. 2875 acres. Buzzards Roost Brake drains through a ditch (NRPW) which has been man-altered in the form of channelization, for 1.5 miles before reaching the Big Sunflower River, which at this point represents the RPW, and later becomes the TNW. A water control structure has been installed at the point where the water exits the Brake and enters the ditch (NRPW). The purpose of the water control structure is to hold the water in the Brake causing it to fill up and allowing for waterfowl hunting opportunities. With the water control structure closed, the NRPW ditch does not have much, if any, flow. Once the water control structure is opened and allowed to drain, it flows for appx. 8-9 weeks before the brake is drained back to normal water levels. The entire wetland area, Buzzards Roost Brake, represents a large area of critical habitat for wildlife and various aquatic species, as well as provides a significant contribution to improve water quality of the water entering the Big Sunflower River. There is no doubt that the function of Buzzards Roost Brake provides a significant impact to the physical, chemical, and biological integrity of the Big Sunflower River, the traditionally navigable water in question.